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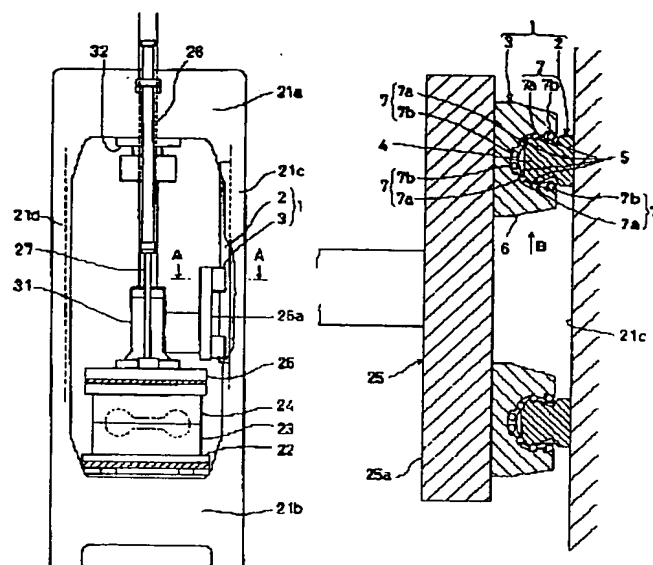
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APPLICANT : KOBE STEEL LTD;

INVENTOR : KINO NATSUSHIRO;

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TITLE : TIRE VULCANIZING PRESS



ABSTRACT : PURPOSE: To make the adjustment of guide members unnecessary and obtain a tire vulcanizing press, in which machined surface is little, by a method wherein a top mold member is vertically moved under cantilevered state by highly rigidly and highly accurately making the guide members, with which a top mold fitting member is made vertically movable to a bottom mold fitting member, out of track racks and travelling racks.

CONSTITUTION: A guide member 1 consists of track racks 2, which are fitted to a right side frame 21c, and travelling racks 3, which are fitted to the right side of a top mold member 25. Four track grooves 5 are provided at the shoulder parts 4 of the track 2, while ball trains 7 consisting of a loading ball train 7a and a relieving ball train 7b are assembled in the container of the travelling rack 3. By rolling the loading ball trains 7a in the track grooves 5, the travelling rack 3 runs on the track rack 2. Since the guide member 1 is highly rigid, the travelling rack 3 is highly accurately set to the track rack 2. Thus, the guide member 1 can be made into one, resulting in making the adjustment of the parallelism between the guide members unnecessary and also reducing the machined surface, to which the guide member is fitted, by half.

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